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An autonomous organization Regd. under Ministry of Corporate Affaires CIN No. U85499PB2023PTC059506 (By Govt. of India)

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Course Syllabus: Professional Certificate in Cloud Computing

Batch Name: PCCC

Eligibility: 12th

Course Start: 1st of Every Month

Course Duration: 180 Hours

Courses / Modules Paper

Module 1

Paper 1	Paper 2	Paper 3	Paper 4	Paper 5
Introduction to Cloud Computing	Cloud Service Models	Basics of Statistics	Cloud Computing Fundamentals	Cloud Security

Paper 1: Introduction to Cloud Computing

1.1 Parcels, Characterstics & Disadvantages
1.2 Pros & Cons of Cloud Computing
1.3 Benefits of Cloud Computing

Visualisation

1.1 Overview of data visualisation and its significance
1.2 The significance of data visualisation
1.3 The connections, comparisons, distribution, and composition of data

Paper 2: Cloud Service Models

2.1 Structure as a Service (IaaS)
2.2 Platforms as a Service (PaaS)
2.3 Software as a Service (SaaS)

Paper 3: Basics of Statistics

3.1 Important statistical generalities used in data wisdom
3.2 Difference between population and sample
3.3 Types of variables
3.4 Measures of Central tendency
3.5 Measures of Variability
3.6 Measures of Friction
3.7 Skewness and Kurtosis

Paper 4: Cloud Computing Fundamentals

4.1 Core generalities of data warehousing
4.2 Primary factor and infrastructures of data warehousing
4.3 To review and configure cloud storehouse options

Private Cloud Environment

4.1 Security and sequestration to be maintained through private shadows
4.2 Elimination of third -party or interferers

Public Cloud Environment

4.1 Administration of public cloud
4.2 Managing multiple users of the same data at the same time

Paper 5: Cloud Security

5.1 Structure Security
5.2 Network- position security
5.3 Host- position security
5.4 Data security and storage
5.5 Cloud access authentication, authorisation and account